Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 18 Mar 2023 until 23:59 on Sunday 19 Mar 2023

Forecast Issued on Friday 17 Mar 2023 at 14:07

Confidence: High for showery conditions on Saturday then dry and settled weather for daytime on Sunday. Turning more unsettled again from Sunday evening onwards but some uncertainty in track and timings of weather fronts.

Headline for Saturday 18 Mar 2023: Low cloud in the morning lifting then bright spells and showers developing. Light winds.

Mountain weather hazards on Saturday 18 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Fog	Heavy rain showers (night)	Fog	Sunny intervals	Heavy rain showers	Light rain showers	Light rain
Precipitation probability							
40%	40%	40%	20%	20%	60%	60%	50%

Forecast for Saturday 18 Mar 2023

Weather: Cloudy and misty in the early hours and to start the morning with low cloud and a few showers. Showers dying out through the morning then some bright spells developing by the afternoon. A few showers developing in the afternoon, some heavy and possibly thundery, then a band of showery rain will spread east through the evening.

Chance of cloud-free hill tops above 600m: 20% becoming 80% by early afternoon.

Low cloud and visibility: Areas of low cloud and fog down to low slopes at first. Cloud gradually lifting through the morning with good visibility by the afternoon but dropping to a few km in any showers. Cloud becoming persistent again above 500m in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 18 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	12/17 S	9/13 S	7/9 S	6/9 SW	7/11 W	8/12 W	12/17 W	15/21 W
300	10/17 S	9/15 S	6/11 S	5/8 S	4/7 S	5/8 SW	6/11 W	8/13 W	12/19 W
Valley	5/15 S	5/14 S	4/9 SE	4/7 S	3/7 SW	5/9 SW	5/11 NW	6/12 W	9/17 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	6/3	6/3	6/4	7/6	8/6	7/4	5/2	4/-1
300	9/6	8/6	8/6	8/7	10/9	10/10	9/8	7/5	6/2
Valley	9/8	8/7	8/7	9/8	11/11	12/11	10/9	8/7	6/4
Freezing Level*	1700m	1600m	1600m	1500m	1500m	1600m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very mild and rather humid feeling day with valley temperatures reaching 13 to 15 Celsius in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 17 Mar 2023	3.4mm	13mm	17mm

Forecast for Sunday 19 Mar 2023

Weather: Showers clearing overnight then clear spells with a touch of frost in some valleys. A dry day with sunny spells and light winds giving good hill walking conditions. Turning cloudy from the west during the late afternoon and evening then outbreaks of light rain may reach the area around midnight.

Maximum wind: West or Northwest 15mph gusts 25mph early in morning, easing to 10-15mph.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Patchy summits cloud at first will soon clear to leave excellent visibility across all hills with any cloud staying above the summits.

Temperature: **Valleys:** Plus 2C rising to 9 or 10C.
At 600m: Plus 1C rising to 5 or 6C.
Freezing level: Above summits.

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